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Part Number: 0469911004

Status: Active

**Description:** 4.20mm (.165") Pitch Mini-Fit RTC™ Reflow High Temperature Compatible Header,

Right Angle, Dual Row, 4 Circuits, without Mounting Peg, Tin (Sn) Over Nickel (Ni)

**Plating** 

**Documents:** 

3D Model RoHS Certificate of Compliance (PDF)

**Drawing (PDF)** 

**Agency Certification** 

Material - Plating Termination

Polarized to Mating Part

Polarized to PCB

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series 46991

Application Board-to-Board, Wire-to-Board

Comments Current = 13A max. per circuit when header is mated

to a receptacle loaded with  $\underline{45750}$  Mini-Fit Plus HCS<sup>TM</sup> Crimp Terminal Crimpted to to 16 AWG wire. . See Molex product specification PS-45750-001 for additional

current de-rating information.

Product Name Mini-Fit RTC™

**Physical** 

Breakaway No Circuits (Loaded) 4 Circuits (maximum) Color - Resin Black Durability (mating cycles max) 75 First Mate / Last Break No 94V-0 Flammability Glow-Wire Compliant No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Tin

Material - Resin High Temperature Thermoplastic

Yes

Yes

Number of Rows Orientation Right Angle PC Tail Length (in) 0.130 In PC Tail Length (mm) 3.30 mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness Recommended (in) 0.070 In PCB Thickness Recommended (mm) 1.78 mm Packaging Type Tray Pitch - Mating Interface (in) 0.165 In Pitch - Mating Interface (mm) 4.20 mm Pitch - Term. Interface (in) 0.165 In Pitch - Term. Interface (mm) 4.20 mm



image - Reference only

**China RoHS** 

EU RoHS
ELV and RoHS

Compliant
REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

46991 Series

**Mates With** 

5557 Mini Fit Jr.™ Receptacle

Shrouded Fully Stackable No Surface Mount Compatible (SMC) No

-40°C to +105°C Temperature Range - Operating Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 13A

600V AC (RMS)/DC Voltage - Maximum

**Solder Process Data** 

Duration at Max. Process Temperature (seconds) 30

Lead-free Process Capability SMC & Wave Capable (TH only)

Max. Cycles at Max. Process Temperature

Process Temperature max. C 260

**Material Info** 

**Reference - Drawing Numbers** 

**Packaging Specification** PK-5569-003 Sales Drawing SD-46991-001

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